



# MAY 2017 LOCAL CLIMATOLOGICAL DATA

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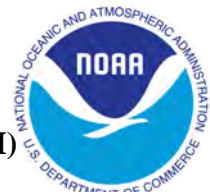
HOUSTON, TX

G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)

Lat:29° 58'N Long: 95° 21'W Elev (Ground) 95 Feet

Time Zone : CENTRAL

WBAN: 12960 ISSN#: 0198-5094



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0600 LST 11	1200 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
01	88	51*	70	-2	49	59	0	5		0		0.0	0.00	29.85	29.96	6.7	20	7.3	25	17	20	16	01	
02	86	59	73	0	59	65	0	8		0		0.0	0.00	29.83	29.96	10.2	14	10.6	30	14	23	15	02	
03	86	63	75	2	69	71	0	10	TS TSRA RA BR HZ	0		0.0	0.20	29.68	29.80	4.3	19	12.3	41*	33	32*	33	03	
04	77	57	67*	-6	45	55	0	2		0		0.0	0.00	29.87	29.97	14.3	33	14.8	38	35	30	35	04	
05	82	57	70	-3	45	56	0	5		0		0.0	0.00	29.87	29.99	7.0	33	8.1	30	01	21	36	05	
06	85	52	69	-5	49	59	0	4		0		0.0	0.00	29.85	29.97	1.7	22	4.0	16	14	15	14	06	
07	84	56	70	-4	56	62	0	5		0		0.0	0.00	29.88	29.99	6.1	14	7.1	26	12	20	14	07	
08	83	60	72	-2	60	65	0	7		0		0.0	0.00	29.90	30.01	9.8	13	10.2	32	15	24	13	08	
09	84	63	74	0	66	69	0	9	RA	0		0.0	0.02	29.88	29.99	8.8	13	9.5	27	14	20	13	09	
10	83	68	76	1	67	70	0	11		0		0.0	0.00	29.85	29.97	11.0	14	11.3	30	11	24	12	10	
11	86	73	80	5	70	73	0	15	RA BR	0		0.0	T	29.78	29.90	9.8	16	10.0	30	17	24	15	11	
12	85	70	78	3	61	67	0	13	TS TSRA RA BR HZ	0		0.0	0.33	29.73	29.85	8.9	32	10.4	27	30	21	34	12	
13	87	64	76	1	61	66	0	11		0		0.0	0.00	29.78	29.89	5.8	03	8.1	22	02	15	02	13	
14	87	63	75	0	63	67	0	10		0		0.0	0.00	29.82	29.93	4.0	13	5.3	20	16	16	16	14	
15	87	61	74	-2	64	68	0	9	MIFG	0		0.0	0.00	29.82	29.93	7.7	14	8.4	27	14	21	13	15	
16	88	69	79	3	65	69	0	14		0		0.0	0.00	29.73	29.86	14.6	15	15.0	35	15	26	13	16	
17	87	76	82	5	69	73	0	17	RA	0		0.0	T	29.68	29.81	13.7	16	13.8	31	15	24	16	17	
18	91	78	85	8	71	74	0	20	RA	0		0.0	T	29.72	29.82	15.6	15	15.9	34	15	29	15	18	
19	89	78	84	7	73	75	0	19	RA	0		0.0	0.01	29.71	29.82	16.1	15	16.3	33	15	26	13	19	
20	90	76	83	6	73	76	0	18	TS RA	0		0.0	T	29.78	29.88	7.3	15	8.0	23	14	20	15	20	
21	91	73	82	5	71	73	0	17	TS RA FG+ BR	0		0.0	0.02	29.90	30.00	7.6	05	9.1	27	05	23	04	21	
22	78	68	73	-4	68	69	0	8	TS TSRA RA BR	0		0.0	0.25	29.80	29.92	4.6	05	8.7	27	16	21	15	22	
23	88	64	76	-1	63	67	0	11	TS TSRA RA	0		0.0	0.02	29.71	29.84	6.7	35	7.7	35	33	28	34	23	
24	84	58	71	-6	51	60	0	6		0		0.0	0.00	29.67	29.80	7.7	30	8.8	28	28	22	32	24	
25	90	60	75	-3	60	66	0	10		0		0.0	0.00	29.67	29.79	10.5	18	10.7	27	15	22	16	25	
26	91	74	83	5	71	75	0	18		0		0.0	0.00	29.77	29.87	11.0	17	11.1	24	16	20	16	26	
27	93*	80	87*	9	73	77	0	22	RA BR HZ	0		0.0	T	29.78	29.89	11.4	17	11.6	26	16	22	16	27	
28	92	70	81	3	74	77	0	16	TS TSRA RA BR	0		0.0	1.42	29.79	29.91	7.5	15	10.6	35	03	26	04	28	
29	82	69	76	-2	69	71	0	11	TS RA	0		0.0	0.05	29.88	29.98	3.7	05	6.3	30	12	24	10	29	
30	89	70	80	1	70	73	0	15	BR	0		0.0	0.00	29.89	30.00	6.1	07	8.2	21	05	17	04	30	
31	88	71	80	1	70	73	0	15	RA	0		0.0	0.09	29.88	30.00	3.8	10	6.8		12	10	10	31	

86.5	66.2	76.3	☼	63.7	68.4	0.0	11.6	< MONTHLY AVERAGES   TOTALS >				0.0	2.41	29.80	29.91	4.3	14	9.9	< MONTHLY AVERAGES			
0.2	-1.4	-0.6		<----- DEPARTURE FROM NORMAL ----->										-2.68	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3							

<b>DEGREE DAYS</b>				<b>GREATEST 24-HR PRECIPITATION :</b> 1.47 <b>DATE :</b> 28-29				<b>SEA LEVEL PRESSURE</b>			
<b>MONTHLY</b>				<b>GREATEST 24-HR SNOWFALL :</b> 0.0 <b>DATE :</b>				<b>MAXIMUM :</b> 30.06 29 0953			
<b>SEASON TO DATE</b>				<b>GREATEST SNOW DEPTH :</b> 0 <b>DATE :</b>				<b>MINIMUM :</b> 29.67 03 1832			
<b>TOTAL DEPARTURE</b>		<b>TOTAL DEPARTURE</b>		<b>NUMBER OF -&gt; DAYS WITH</b>		<b>MAXIMUM TEMP &gt;= 90 :</b> 7		<b>MINIMUM TEMP &lt;= 32 :</b> 0		<b>PRECIPITATION &gt;= 0.01 INCH :</b> 10	
<b>HEATING :</b> 0 -1		653 -714		<b>THUNDERSTORMS :</b> 8		<b>MAXIMUM TEMP &lt;= 32 :</b> 0		<b>MINIMUM TEMP &lt;= 0 :</b> 0		<b>PRECIPITATION &gt;= 0.10 INCH :</b> 4	
<b>COOLING :</b> 361 -10		909 257						<b>HEAVY FOG :</b> 1		<b>SNOWFALL &gt;= 1.0 INCH :</b> 0	

MAY 2017  
HOUSTON, TX

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)  
MAY 2017

WBAN # 12960

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			
01													01												01	0.00	0.00	
02													02												02	0.00	0.00	
03				T	T								03		0.01	0.02							0.08	0.09	T	03	0.20	0.20
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09												09	0.02	0.02	
10													10		T										10	0.00	0.00	
11													11												11	T	T	
12	0.29	0.04											12												12	0.33	0.33	
13													13												13	0.00	0.00	
14													14												14	0.00	0.00	
15													15												15	0.00	0.00	
16													16												16	0.00	0.00	
17													17												17	T	T	
18													18												18	T	T	
19													19												19	0.01	0.01	
20													20												20	T	T	
21													21												21	0.02	0.02	
22													22		0.09	0.06	T	0.01	0.03					0.02	T	22	0.25	0.25
23													23												23	0.02	0.02	
24													24												24	0.00	0.00	
25													25												25	0.00	0.00	
26													26												26	0.00	0.00	
27													27												27	T	T	
28													28												28	1.42	1.42	
29	0.03	0.02											29												29	0.05	0.05	
30													30												30	0.00	0.00	
31													31												31	0.09	0.09	

\* Indicates sum of Hourly and Daily disagree.

### MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	0.35	0.62	0.83	0.98	1.18	1.37	1.41	1.44	1.45	1.45	1.48	1.49
Ending Date	28	28	28	28	28	28	28	28	29	29	29	29
Ending Time (Hr/Min)	2257	2301	2304	2306	2312	2322	2338	2350	0004	0004	0103	0111

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

# REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

\* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

## WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unkown Precipitation		GL Glaze

Intensity (as indicated on pages 4 to 6):  
'+' = Heavy    '' = Moderate    '-' = Light

# HOUSTON, TX MAY 2017

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet.

Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

NORMALS ARE FOR THE YEARS 1981-2010

ADDITIONAL NOTES & ERRATA:

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	10.00	10.00
02	10.00	10.00
03	2.50	10.00
04	10.00	10.00
05	10.00	10.00
06	10.00	10.00
07	10.00	10.00
08	10.00	10.00
09	10.00	10.00
10	10.00	10.00
11	6.00	10.00
12	5.00	10.00
13	3.00	10.00
14	10.00	10.00
15	10.00	10.00
16	10.00	10.00
17	9.00	10.00
18	7.00	10.00
19	7.00	10.00
20	10.00	10.00
21	0.25	10.00
22	7.00	10.00
23	7.00	10.00
24	10.00	10.00
25	10.00	10.00
26	7.00	10.00
27	5.00	10.00
28	0.75	10.00
29	7.00	10.00
30	6.00	10.00
31	7.00	10.00
<b>AVGS</b>	7.63	10.00
<b>MINIMUM VISIBILITY (MILES)</b>		
<= .25	<= 3.0	>= 7.0
1	4	23

# OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX  
MAY 2017

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)					
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				
<b>SUNRISE: 0539</b>					<b>MAY 01</b>					<b>SUNSET: 1858</b>					<b>SUNRISE: 0534</b>					<b>MAY 07</b>					<b>SUNSET: 1902</b>				
03	CLR	NC	10.00		54	47	50	77	0	00	29.85	29.96	03	FEW	250	10.00		62	57	59	84	0	00	29.84	29.95				
06	CLR	NC	10.00		57	46	51	67	6	22	29.86	29.96	06	CLR	NC	10.00		60	58	59	93	0	00	29.88	29.98				
09	CLR	NC	10.00		74	51	61	45	7	24	29.91	30.02	09	FEW	035	10.00		76	59	66	56	7	23	29.93	30.04				
12	CLR	NC	10.00		82	48	62	31	11	20	29.89	30.00	12	SCT	050	10.00		82	57	67	42	14	12	29.91	30.02				
15	CLR	NC	10.00		87	50	65	28	9	17	29.82	29.93	15	FEW	055	10.00		82	54	65	38	14	11	29.86	29.97				
18	FEW	065	10.00		82	50	63	33	15	17	29.80	29.91	18	BKN	250	10.00		77	54	63	45	15	13	29.86	29.96				
21	CLR	NC	10.00		73	50	60	44	9	17	29.85	29.96	21	BKN	250	10.00		71	57	63	61	9	16	29.88	29.99				
24	CLR	NC	10.00		67	54	60	63	5	16	29.87	29.98	24	SCT	250	10.00		64	58	60	81	3	14	29.89	29.99				
<b>SUNRISE: 0538</b>					<b>MAY 02</b>					<b>SUNSET: 1859</b>					<b>SUNRISE: 0533</b>					<b>MAY 08</b>					<b>SUNSET: 1903</b>				
03	CLR	NC	10.00		61	56	58	84	5	17	29.87	29.97	03	SCT	250	10.00		62	59	60	90	0	00	29.87	29.98				
06	FEW	250	10.00		59	57	58	93	0	00	29.88	29.99	06	BKN	250	10.00		63	60	61	90	5	04	29.90	30.01				
09	CLR	NC	10.00		78	60	67	54	11	16	29.92	30.02	09	BKN	250	10.00		77	60	66	56	11	13	29.94	30.04				
12	CLR	NC	10.00		85	61	70	45	13	14	29.88	29.99	12	OVC	250	10.00		80	60	67	51	15	14	29.93	30.04				
15	FEW	250	10.00		85	56	67	37	17	14	29.84	29.94	15	BKN	250	10.00		81	62	69	53	20	14	29.89	30.00				
18	SCT	250	10.00		79	60	67	52	16	13	29.80	29.91	18	BKN	250	10.00		77	61	67	58	16	14	29.89	29.99				
21	FEW	250	10.00		73	65	68	76	11	13	29.81	29.92	21	BKN	250	10.00		73	60	65	64	11	14	29.92	30.03				
24	OVC	250	10.00		74	67	69	79	11	14	29.79	29.90	24	BKN	250	10.00		69	62	65	78	6	13	29.90	30.01				
<b>SUNRISE: 0537</b>					<b>MAY 03</b>					<b>SUNSET: 1859</b>					<b>SUNRISE: 0532</b>					<b>MAY 09</b>					<b>SUNSET: 1903</b>				
03	OVC	012	10.00		76	70	72	82	11	14	29.73	29.84	03	BKN	250	10.00		65	62	63	90	6	11	29.86	29.97				
06	OVC	020	8.00		76	73	74	91	8	17	29.72	29.83	06	BKN	120	10.00		67	64	65	91	3	01	29.89	30.00				
09	OVC	015	7.00		81	73	75	77	14	21	29.68	29.79	09	BKN	180	10.00		74	70	71	88	6	11	29.93	30.03				
12	OVC	250	7.00		83	72	75	70	14	19	29.67	29.77	12	OVC	250	10.00	-RA	79	68	72	69	14	13	29.93	30.04				
15	SCT	250	6.00	HZ	85	74	77	70	10	21	29.61	29.71	15	SCT	170	10.00		83	68	73	61	15	14	29.87	29.98				
18	BKN	250	5.00	HZ	85	72	76	65	10	20	29.57	29.67	18	SCT	250	10.00		78	67	71	69	17	12	29.85	29.96				
21	OVC	160	10.00	TS	70	65	67	84	9	01	29.76	29.87	21	SCT	250	10.00		73	66	69	79	10	14	29.88	29.98				
24	OVC	250	10.00		63	51	56	65	21	34	29.79	29.90	24	BKN	035	10.00		73	66	69	79	5	17	29.88	29.99				
<b>SUNRISE: 0536</b>					<b>MAY 04</b>					<b>SUNSET: 1900</b>					<b>SUNRISE: 0532</b>					<b>MAY 10</b>					<b>SUNSET: 1904</b>				
03	FEW	250	10.00		61	47	54	60	18	33	29.79	29.90	03	BKN	250	10.00		70	66	67	87	5	14	29.83	29.93				
06	FEW	100	10.00		58	48	53	70	6	33	29.85	29.96	06	OVC	032	10.00		72	68	69	87	6	14	29.85	29.96				
09	FEW	250	10.00		66	45	55	47	22	34	29.91	30.01	09	OVC	250	10.00		78	67	71	69	13	16	29.88	29.99				
12	CLR	NC	10.00		73	41	56	32	25	33	29.89	29.99	12	OVC	250	10.00		81	68	72	65	21	13	29.88	29.98				
15	CLR	NC	10.00		76	37	56	24	23	33	29.83	29.93	15	OVC	250	10.00		82	67	72	60	16	14	29.85	29.96				
18	FEW	070	10.00		73	40	56	30	18	35	29.86	29.96	18	OVC	250	10.00		79	67	71	67	16	13	29.84	29.95				
21	SCT	075	10.00		62	48	55	60	0	00	29.91	30.02	21	BKN	250	10.00		75	67	70	76	11	14	29.86	29.96				
24	FEW	085	10.00		58	49	53	72	5	27	29.92	30.03	24	BKN	250	10.00		73	68	70	84	6	16	29.85	29.96				
<b>SUNRISE: 0536</b>					<b>MAY 05</b>					<b>SUNSET: 1901</b>					<b>SUNRISE: 0531</b>					<b>MAY 11</b>					<b>SUNSET: 1905</b>				
03	CLR	NC	10.00		58	47	52	67	7	28	29.89	30.00	03	OVC	250	8.00		75	71	72	88	8	17	29.81	29.91				
06	CLR	NC	10.00		58	46	52	65	8	30	29.91	30.01	06	OVC	024	6.00	BR	75	72	73	90	0	00	29.82	29.92				
09	CLR	NC	10.00		71	45	57	39	7	33	29.94	30.05	09	OVC	032	7.00		79	72	74	79	7	17	29.86	29.97				
12	CLR	NC	10.00		78	41	58	27	8	30	29.92	30.03	12	BKN	110	10.00		84	71	75	65	18	16	29.83	29.94				
15	CLR	NC	10.00		81	42	60	25	13	34	29.84	29.95	15	OVC	250	10.00		83	69	74	63	17	16	29.78	29.89				
18	CLR	NC	10.00		78	42	59	28	9	34	29.82	29.93	18	SCT	250	10.00		82	65	71	56	14	17	29.72	29.82				
21	CLR	NC	10.00		70	44	56	39	3	01	29.86	29.97	21	BKN	250	10.00		77	69	72	77	6	17	29.77	29.88				
24	CLR	NC	10.00		59	48	53	67	0	00	29.87	29.98	24	BKN	065	10.00		76	71	73	85	0	00	29.76	29.87				
<b>SUNRISE: 0535</b>					<b>MAY 06</b>					<b>SUNSET: 1901</b>					<b>SUNRISE: 0530</b>					<b>MAY 12</b>					<b>SUNSET: 1905</b>				
03	CLR	NC	10.00		54	48	51	80	0	00	29.87	29.98	03	BKN	039	7.00		73	70	71	90	6	34	29.73	29.84				
06	CLR	NC	10.00		55	50	52	83	0	00	29.89	30.00	06	BKN	032	6.00	BR	74	71	72	91	8	28	29.72	29.83				
09	CLR	NC	10.00		73	49	60	43	5	25	29.93	30.03	09	CLR	NC	10.00		76	58	65	54	14	33	29.77	29.88				
12	CLR	NC	10.00		81	46	61	29	6	35	29.90	30.01	12	FEW	050	10.00		81	57	66	44	11	29	29.75	29.86				
15	FEW	050	10.00		84	45	62	25	0	00	29.83	29.94	15	FEW	055	10.00		83	57	67	41	17	34	29.71	29.82				
18	CLR	NC	10.00		83	46	62	27	0	00	29.79	29.90	18	SCT	060	10.00		81	57	66	44	14	34	29.70	29.80				
21	FEW	250	10.00		73	53	61	50	7	18	29.84	29.95	21	CLR	NC	10.00		75	57	64	54	8	34	29.75	29.85				
24	FEW	250	10.00		69	57	62	66	5	20	29.85	29.96	24	CLR	NC	10.00		71	57	63	61	8	33	29.79	29.90				

# OBSERVATIONS AT 3-HOURLY INTERVALS

**HOUSTON, TX**  
MAY 2017

**KIAH**

**WBAN # 12960**

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F					WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F					WIND		PRESSURE (INCHES, HG)			
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL	DRY BULB						DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				
<b>SUNRISE: 0530</b>					<b>MAY 13</b>					<b>SUNSET: 1906</b>					<b>SUNRISE: 0526</b>					<b>MAY 19</b>					<b>SUNSET: 1910</b>				
03	CLR	NC	10.00		66	58	61	75	6	34	29.77	29.88	03	BKN	042	10.00		79	72	74	79	9	15	29.72	29.83				
06	CLR	NC	10.00		65	58	61	78	6	33	29.79	29.90	06	SCT	075	10.00		78	72	74	82	14	14	29.72	29.82				
09	FEW	250	10.00		74	62	67	67	9	02	29.82	29.93	09	BKN	025	10.00		84	72	76	67	18	15	29.74	29.84				
12	FEW	035	10.00		82	61	69	49	13	03	29.80	29.91	12	BKN	070	10.00		89	71	76	55	16	17	29.73	29.84				
15	SCT	050	10.00		87	62	71	43	10	36	29.77	29.87	15	BKN	030	10.00		88	72	77	59	21	15	29.70	29.80				
18	FEW	060	10.00		83	60	68	46	10	06	29.74	29.85	18	FEW	024	10.00		83	72	75	70	20	13	29.69	29.80				
21	FEW	040	10.00		71	62	65	73	9	09	29.76	29.86	21	BKN	250	10.00		79	74	76	85	14	14	29.72	29.82				
24	FEW	045	10.00		69	62	65	78	3	18	29.82	29.92	24	OVC	250	10.00	-RA	79	73	75	82	14	15	29.74	29.84				
<b>SUNRISE: 0529</b>					<b>MAY 14</b>					<b>SUNSET: 1906</b>					<b>SUNRISE: 0526</b>					<b>MAY 20</b>					<b>SUNSET: 1910</b>				
03	FEW	060	10.00		66	62	64	87	0	00	29.80	29.91	03	BKN	250	10.00		78	72	74	82	6	16	29.70	29.81				
06	SCT	025	10.00		64	61	62	90	5	11	29.84	29.95	06	BKN	080	10.00		76	73	74	91	0	00	29.76	29.87				
09	BKN	250	10.00		78	66	70	67	8	12	29.88	29.98	09	SCT	042	10.00		84	73	76	70	11	15	29.79	29.90				
12	BKN	250	10.00		83	62	70	49	6	10	29.86	29.97	12	SCT	080	10.00		89	72	77	57	14	14	29.80	29.90				
15	SCT	250	10.00		86	62	70	45	7	VR	29.81	29.91	15	SCT	200	10.00		87	74	78	65	17	13	29.74	29.84				
18	FEW	055	10.00		82	63	70	53	10	13	29.78	29.88	18	SCT	140	10.00		86	71	76	61	7	17	29.76	29.86				
21	FEW	060	10.00		75	64	68	69	6	19	29.82	29.93	21	BKN	250	10.00		80	74	76	82	3	21	29.82	29.93				
24	CLR	NC	10.00		71	64	67	79	3	18	29.84	29.95	24	BKN	250	10.00		76	73	74	91	0	00	29.86	29.96				
<b>SUNRISE: 0528</b>					<b>MAY 15</b>					<b>SUNSET: 1907</b>					<b>SUNRISE: 0525</b>					<b>MAY 21</b>					<b>SUNSET: 1911</b>				
03	FEW	250	10.00		64	62	63	93	0	00	29.82	29.93	03	OVC	090	8.00		75	72	73	90	7	04	29.86	29.97				
06	FEW	250	10.00	MIFG	62	61	61	96	0	00	29.85	29.95	06	OVC	002	0.25	BR	73	72	72	96	7	04	29.90	30.00				
09	FEW	250	10.00		78	63	68	60	7	17	29.88	29.99	09	BKN	070	10.00		80	71	74	74	8	02	29.92	30.03				
12	SCT	250	10.00		85	65	72	51	11	14	29.85	29.96	12	BKN	110	10.00		89	73	78	59			29.91	30.01				
15	FEW	250	10.00		86	64	72	48	18	15	29.80	29.91	15	SCT	060	10.00		83	71	75	67	16	03	29.90	30.01				
18	SCT	250	10.00		80	65	70	60	15	13	29.79	29.90	18	BKN	140	10.00		77	69	72	77	11	06	29.88	29.98				
21	SCT	250	10.00		74	65	68	74	8	16	29.81	29.92	21	OVC	200	10.00		74	70	71	88	10	04	29.91	30.02				
24	BKN	250	10.00		69	66	67	90	5	17	29.81	29.91	24	OVC	130	10.00		73	69	70	87	8	06	29.92	30.03				
<b>SUNRISE: 0528</b>					<b>MAY 16</b>					<b>SUNSET: 1908</b>					<b>SUNRISE: 0525</b>					<b>MAY 22</b>					<b>SUNSET: 1912</b>				
03	SCT	250	10.00		71	66	68	84	7	16	29.77	29.88	03	OVC	014	10.00	-RA	72	69	70	91	10	06	29.87	29.98				
06	SCT	250	10.00		71	65	67	81	5	18	29.80	29.91	06	OVC	040	8.00	-TSRA	73	71	72	94	8	12	29.87	29.97				
09	BKN	250	10.00		80	63	69	56	16	16	29.83	29.94	09	OVC	040	7.00	-RA	75	73	74	94	11	15	29.84					
12	SCT	250	10.00		86	62	70	45	14	16	29.79	29.90	12	OVC	015	10.00		69	66	67	90	16	35	29.86	29.96				
15	SCT	250	10.00		86	64	72	48	22	16	29.73	29.84	15	OVC	050	10.00		72	68	69	87	9	35	29.79	29.90				
18	SCT	250	10.00		80	66	71	62	20	13	29.70	29.81	18	OVC	036	10.00		72	67	69	84	9	01	29.75	29.86				
21	SCT	250	10.00		76	65	69	69	17	15	29.70	29.81	21	OVC	011	10.00		69	65	66	87	10	36	29.77	29.87				
24	SCT	250	10.00		76	67	70	74	20	16	29.66	29.76	24	OVC	014	10.00		69	64	66	84	8	02	29.78	29.88				
<b>SUNRISE: 0527</b>					<b>MAY 17</b>					<b>SUNSET: 1908</b>					<b>SUNRISE: 0524</b>					<b>MAY 23</b>					<b>SUNSET: 1912</b>				
03	BKN	036	10.00		77	68	71	74	16	16	29.62	29.73	03	OVC	013	10.00		68	65	66	90	0	00	29.74	29.85				
06	FEW	024	10.00		76	68	71	77	11	17	29.66	29.77	06	BKN	200	10.00		67	62	64	84	5	03	29.74	29.85				
09	BKN	250	10.00		82	67	72	60	13	15	29.75	29.85	09	BKN	016	10.00		71	62	65	73	3	09	29.75	29.85				
12	OVC	250	10.00		86	67	73	53	22	16	29.72	29.82	12	FEW	035	10.00		81	64	70	57	7	VR	29.72	29.83				
15	OVC	040	10.00		82	69	73	65	15	17	29.69	29.80	15	SCT	250	10.00		87	63	71	45	6	36	29.66	29.77				
18	OVC	055	10.00		82	69	73	65	14	15	29.68	29.78	18	BKN	250	10.00		82	61	69	49	10	35	29.62	29.73				
21	OVC	065	10.00		80	72	75	76	10	16	29.71	29.82	21	SCT	150	10.00		68	63	65	84	11	33	29.73	29.84				
24	OVC	045	9.00		79	73	75	82	9	16	29.71	29.82	24	SCT	250	10.00		64	59	61	84	11	31	29.78	29.88				
<b>SUNRISE: 0527</b>					<b>MAY 18</b>					<b>SUNSET: 1909</b>					<b>SUNRISE: 0524</b>					<b>MAY 24</b>					<b>SUNSET: 1913</b>				
03	OVC	044	9.00		79	73	75	82	8	16	29.70	29.81	03	FEW	250	10.00		60	55	57	84	3	31	29.72	29.83				
06	OVC	038	8.00		78	72	74	82	15	15	29.72	29.83	06	CLR	NC	10.00		60	54	57	80	8	30	29.73	29.84				
09	OVC	022	10.00		82	71	74	69	13	15	29.75	29.85	09	CLR	NC	10.00		71	55	62	57	11	30	29.75	29.86				
12	BKN	250	10.00		87	70	75	57	20	15	29.75	29.85	12	FEW	200	10.00		79	49	62	35	16	29	29.72	29.83				
15	SCT	250	10.00		88	68	74	52	21	16	29.71	29.82	15	SCT	250	10.00		83	48	63	30	15	29	29.65	29.76				
18	BKN	250	10.00		84	66	72	55	17	15	29.69	29.79	18	CLR	NC	10.00		82	45	61	27	11	34	29.61	29.72				
21	BKN	250	10.00		79	72	74	79	14	15	29.71	29.81	21	CLR	NC	10.00		67	49	57	53	3	VR	29.65	29.75				
24	BKN	036	10.00		79	72	74	79	13	14	29.73	29.84	24	CLR	NC	10.00		65	52	58	63	3	16	29.66	29.76				

# OBSERVATIONS AT 3-HOURLY INTERVALS

**HOUSTON, TX**  
MAY 2017

**KIAH**

**WBAN # 12960**

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)						
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL					
<b>SUNRISE: 0523      MAY 25      SUNSET: 1913</b>					03	CLR	NC	10.00		67	55	60	66	6	18	29.65	29.75
06	CLR	NC	10.00		62	59	60	90	3	18	29.69	29.79					
09	CLR	NC	10.00		80	60	67	51	14	20	29.72	29.83					
12	CLR	NC	10.00		86	60	69	42	15	17	29.70	29.80					
15	FEW	300	10.00		89	59	70	36	14	17	29.66	29.77					
18	FEW	300	10.00		85	56	67	37	15	16	29.66	29.76					
21	CLR	NC	10.00		77	64	69	64	14	17	29.67	29.78					
24	FEW	250	10.00		75	67	70	76	13	16	29.69	29.80					
<b>SUNRISE: 0523      MAY 26      SUNSET: 1914</b>					03	BKN	017	10.00		75	69	71	82	8	18	29.71	29.81
06	OVC	027	10.00		76	71	73	85	9	16	29.76	29.86					
09	BKN	038	10.00		82	72	75	72	11	19	29.80	29.91					
12	BKN	045	10.00		89	71	76	55	14	18	29.79	29.90					
15	OVC	040	10.00		89	73	78	59	14	18	29.76	29.86					
18	OVC	039	10.00		85	74	77	70	13	16	29.75	29.85					
21	OVC	035	7.00		82	74	76	77	11	17	29.78	29.88					
24	OVC	020	7.00		81	74	76	79	8	17	29.79	29.90					
<b>SUNRISE: 0523      MAY 27      SUNSET: 1915</b>					03	OVC	024	6.00	BR	81	75	77	82	6	20	29.78	29.88
06	OVC	100	7.00		81	74	76	79	8	19	29.81	29.91					
09	BKN	100	9.00		85	74	77	70	10	18	29.84	29.94					
12	SCT	180	10.00		92	74	79	56	15	18	29.82	29.93					
15	SCT	120	10.00		93	73	79	52	15	18	29.78	29.88					
18	BKN	250	10.00		87	73	77	63	14	16	29.75	29.86					
21	BKN	250	10.00		81	73	75	77	9	17	29.76	29.87					
24	BKN	250	8.00		81	75	77	82	9	19	29.75	29.86					
<b>SUNRISE: 0522      MAY 28      SUNSET: 1915</b>					03	BKN	250	8.00		80	74	76	82	7	17	29.74	29.84
06	BKN	250	9.00		80	75	77	85	8	17	29.76	29.87					
09	OVC	050	8.00		83	75	77	77	5	10	29.87	29.97					
12	SCT	190	10.00		91	74	79	57	13	17	29.82	29.93					
15	SCT	050	10.00		89	74	78	61	17	15	29.79	29.90					
18	BKN	250	10.00		87	74	78	65	14	18	29.69	29.80					
21	BKN	250	10.00		81	74	76	79	7	12	29.85	29.96					
24	OVC	080	6.00	TSRA BR	71	69	70	94	13	10	29.92	30.02					
<b>SUNRISE: 0522      MAY 29      SUNSET: 1916</b>					03	OVC	160	10.00		71	67	68	87	3	04	29.82	29.92
06	OVC	180	10.00		69	68	68	96	0	00	29.88	29.99					
09	BKN	100	10.00		72	68	69	87	5	02	29.93	30.04					
12	OVC	030	10.00		78	69	72	74	6	29	29.91	30.02					
15	OVC	034	10.00		80	68	72	67	10	03	29.88	29.99					
18	BKN	250	10.00		81	69	73	67	6	05	29.86	29.97					
21	SCT	250	10.00		74	69	71	85	9	12	29.88	29.98					
24	FEW	250	10.00		72	69	70	91	3	07	29.91	30.02					
<b>SUNRISE: 0522      MAY 30      SUNSET: 1916</b>					03	FEW	250	6.00	BR	71	69	70	94	3	35	29.89	30.00
06	BKN	250	10.00		71	69	70	94	7	04	29.92	30.03					
09	FEW	250	10.00		81	70	74	69	6	03	29.92	30.03					
12	BKN	030	10.00		85	69	74	59	6	06	29.91	30.02					
15	SCT	040	10.00		87	69	75	55	14	06	29.86	29.97					
18	SCT	095	10.00		84	69	74	61	7	07	29.86	29.97					
21	SCT	080	10.00		78	70	73	76	10	12	29.88	29.99					
24	BKN	250	10.00		74	70	71	88	10	10	29.89	30.00					

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)						
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL					
<b>SUNRISE: 0521      MAY 31      SUNSET: 1917</b>					03	BKN	250	10.00		72	70	71	94	6	08	29.88	29.99
06	BKN	250	10.00		73	70	71	90	5	36	29.91	30.02					
09	OVC	006	7.00		75	71	72	88	6	VR	29.93	30.03					
12	BKN	250	10.00		82	70	74	67	5	VR	29.91	30.02					
15	BKN	250	10.00		88	69	75	54	6	VR	29.86	29.97					
18	BKN	190	10.00		83	70	74	65	10	13	29.85	29.95					
21	SCT	200	10.00		77	71	73	82	6	17	29.88	29.98					
24	OVC	110	7.00	-RA	74	71	72	91	6	19	29.91	30.01					

**3-HOURLY OBSERVATION NOTES**

Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8

Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

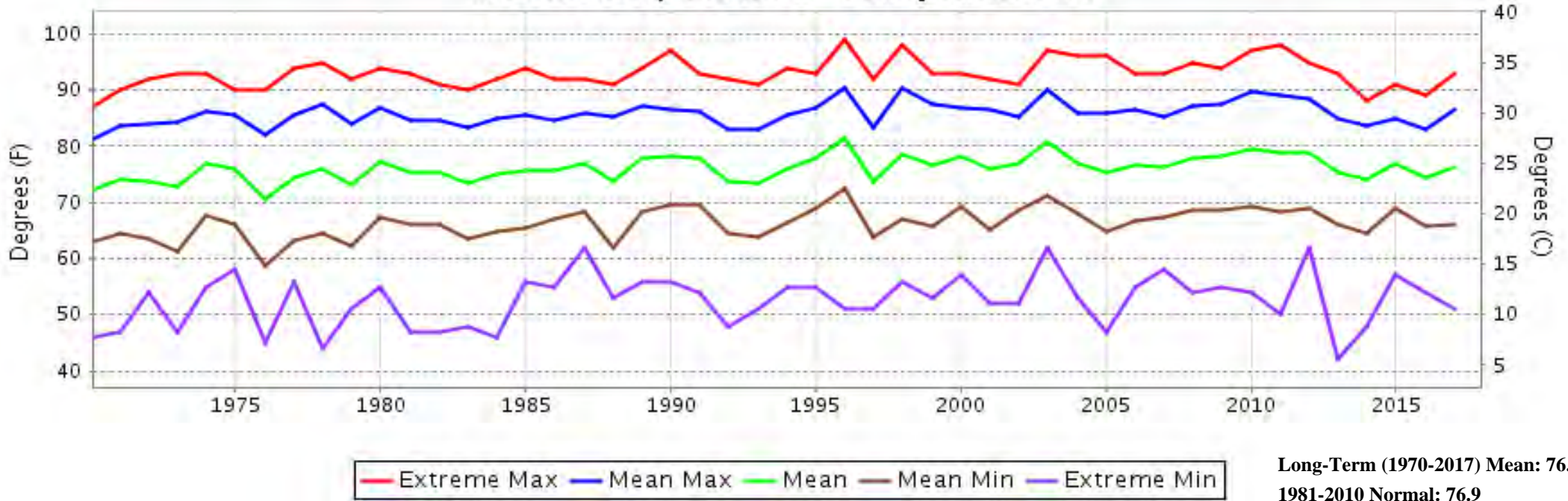
& = Original observation contained additional weather elements.

See page 3 for additional notes.

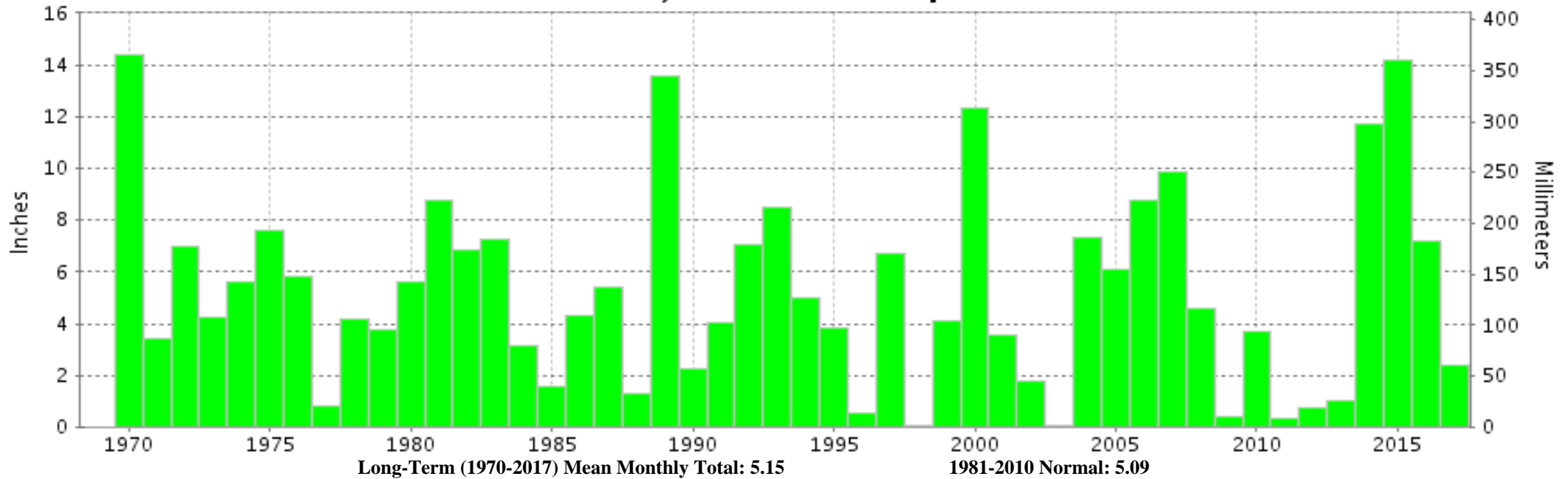
## SUMMARY BY HOUR

HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)	
	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
					STATION	SEA LEVEL				
01	70	63	66	80	29.80	29.91	9.40	7	4	16
02	70	64	66	82	29.79	29.90	9.48	6	4	15
03	69	64	66	83	29.79	29.90	9.42	6	4	16
04	68	64	66	85	29.79	29.90	9.06	6	4	16
05	68	64	66	86	29.80	29.90	9.23	6	4	17
06	69	64	66	86	29.82	29.92	9.10	6	4	17
07	72	65	67	81	29.83	29.94	9.14	7	4	16
08	74	65	68	73	29.84	29.95	9.45	9	3	16
09	77	64	69	66	29.85	29.95	9.52	10	3	16
10	80	63	70	59	29.85	29.96	9.74	11	3	15
11	82	63	70	55	29.85	29.95	9.87	12	3	16
12	83	63	70	53	29.83	29.94	9.90	13	4	14
13	84	63	71	52	29.81	29.92	9.77	13	5	13
14	85	63	71	50	29.80	29.90	9.87	13	4	13
15	85	63	71	50	29.78	29.89	9.87	14	5	13
16	84	63	70	51	29.77	29.88	9.87	14	5	12
17	83	63	70	53	29.76	29.87	9.87	14	6	12
18	81	63	70	55	29.76	29.87	9.84	13	6	12
19	78	63	69	62	29.77	29.88	9.66	13	6	12
20	76	64	68	68	29.79	29.90	9.68	10	6	12
21	74	64	68	72	29.80	29.91	9.90	9	5	13
22	73	65	68	75	29.82	29.92	9.90	9	4	14
23	72	64	67	77	29.82	29.93	9.51	8	3	15
24	71	64	67	79	29.82	29.92	9.58	8	4	15

## HOUSTON, TX MAY Temperatures



## HOUSTON, TX MAY Precipitation





MAY 2017  
HOUSTON, TX

# LOCAL CLIMATOLOGICAL DATA

## NOAA, National Centers for Environmental Information

*I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA-National Weather Service / Department Of Transportation-Federal Aviation Administration and received at the National Centers for Environmental Information (NCEI), Asheville, North Carolina 28801.*

A handwritten signature in black ink that reads "Margarita Jee SS".

**DIRECTOR (ACTING)**

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